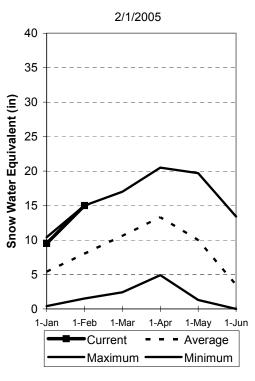
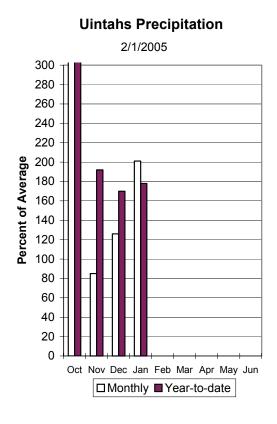
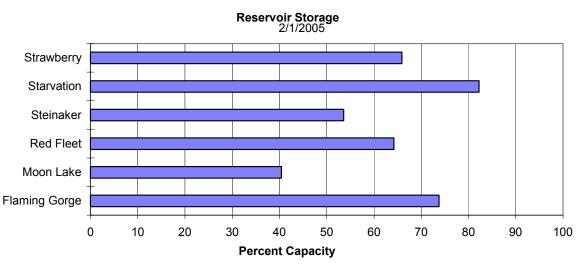
## **Uintah Basin and Dagget SCD's Feb 1, 2005**

Snowpacks across the Uintah Basin and North Slope areas are much above average and above record levels at 192%, which is 195% of last year. The North Slope ranges from 94% to 350% and the Uintah Basin ranges from 118% to 271% of average. Precipitation during January was much above average at 201% bringing the seasonal accumulation (Oct-Jan) to 178% of average. Soil moisture values in runoff producing areas are at 58% of saturation in the upper 2 feet of soil compared to 30% last year and up 3% from last month. Reservoir storage is at 68% of capacity, 2% less than last year. The Surface Water Supply Index for the western area is 74% and for the eastern area it is 78% indicating above normal conditions basin wide. Streamflow forecasts range between 100% and 197% of average. Springtime runoff conditions are above normal. There is a 99.9% probability of getting at least average snowpack by April 1 (especially since they are already above average April 1) and a high probability of snowpacks greater than 140% of normal. Preparation for high flows should be considered.

## **Uintahs Snowpack**







## UINTAH BASIN & DAGGET SCD'S

Streamflow Forecasts - February 1, 2005

		<-==== Drier ===== Future Conditions ====== Wetter ====>>						
Forecast Point Forecast Period		90%   (1000AF)	70% (1000AF)	= Chance Of Exceeding * :   50%   (1000AF) (% AVG.)		30% 10%     (1000AF) (1000AF)		30-Yr Avg. (1000AF)
Blacks Fork nr Robertson	APR-JUL	65	83	=========   95	100	<del>======</del>   107	125	95
EF of Smiths Fork nr Robertson	APR-JUL	23	28	   31	100	l   35	42	31
Flaming Gorge Reservoir Inflow	APR-JUL	785	1000	   1150	97	   1295	1515	1190
BIG BRUSH CK abv Red Fleet Resv	APR-JUL	23	27	l   30	143	l   33	37	21
Ashley Creek nr Vernal	APR-JUL	57	74	l   85	164	l   96	113	52
WF DUCHESNE RIVER nr Hanna	APR-JUL	19.6	26	l   30	125	l   35	43	24
DUCHESNE R nr Tabiona	APR-JUL	103	119	   130	124	   141	157	105
UPPER STILLWATER RESV inflow	APR-JUL	99	114	   125	152	   136	151	82
ROCK CK nr Mountain Home	APR-JUL	112	126	   135	152	   144	158	89
DUCHESNE R abv Knight Diversion	APR-JUL	215	250	l   275	146	I   300	335	188
STRAWBERRY RES nr Soldier Springs	APR-JUL	46	63	l   75	127	l   89	111	59
CURRANT CREEK RESV Inflow	APR-JUL	25	29	l   32	128	l   35	39	25
STARVATION RESERVOIR inflow	APR-JUL	98	129	   150	124	   171	201	121
Lake Fork River abv Moon Lake	APR-JUL	84	96	   105	154	   114	126	68
Yellowstone River nr Altonah	APR-JUL	72	88	l   98	158	   108	124	62
DUCHESNE R at Myton	APR-JUL	350	420	   470	181	   520	590	260
Whiterocks River nr Whiterocks	APR-JUL	72	92	   105	188	   118	138	56
DUCHESNE R nr Randlett	APR-JUL	390	540	   640 	197	   740 	890	325

Reservoir	UINTAH BASIN & DAGGET S Storage (1000 AF) - End	 	UINTAH BASIN & DAGGET SCD'S   Watershed Snowpack Analysis - February 1, 2005					
Reservoir	Usable   Capacity		able Stora Last Year	age ***     Avg	Watershed	Number of ta Sites	This Yea ====================================	======== r as % of ======= Average
FLAMING GORGE	3749.0	2765.0	2601.0	2966.0	UPPER GREEN RIVER in UTAH	 i 6	189	170
MOON LAKE	49.5	20.0	15.2	27.9   27.9	ASHLEY CREEK	2	244	277
RED FLEET	25.7	16.5	13.5	18.0	BLACK'S FORK RIVER	2	138	106
STEINAKER	33.4	17.9	11.8	21.6	SHEEP CREEK	1	203	139
STARVATION	165.3	135.9	132.3	132.3	DUCHESNE RIVER	11	192	195
STRAWBERRY-ENLARGED	1105.9	729.1	777.7	642.2	LAKE FORK-YELLOWSTONE CRE	4	209	202
					STRAWBERRY RIVER	4	145	152
				!	UINTAH-WHITEROCKS RIVERS	2	267	286
				 	UINTAH BASIN & DAGGET SCD	17	191	188

<sup>\* 90%, 70%, 50%, 30%,</sup> and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

<sup>(1) -</sup> The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels. (2) - The value is natural volume - actual volume may be affected by upstream water management.